

ABSTRACT OF THE DISCLOSURE

A wireless packet communication system and a base station using an algorithm modified from an existing Proportional Fairness algorithm enables a control according  
5 to flexible adjustment of a throughput difference between mobile units and a priority between mobile units.

A function for controlling a difference in throughput and a function for controlling a difference in throughput by the class by classifying a mobile unit are added to the  
10 conventional Proportional Fairness algorithm, thereby enabling flexible operation which is suitable for actual operation.